

## Key Learning

Using the formula wizard to add a formula to a cell to automatically make a calculation in that cell.

To copy and paste within 2Calculate.

Using 2Calculate tools to test a hypothesis.

To add a formula to a cell to automatically make a calculation in that cell.

Using a spreadsheet to model a real-life situation and answer questions.

## Key Vocabulary

**Average** – Symbols used to represent comparing two values

**Advance mode** – A mode of 2Calculate in which the cells have references and can include formulae.

**Copy and Paste** – A way to copy information from the screen into the computer's memory and paste it elsewhere without re-typing.

**Columns** – Vertical reference points for the cells in a spreadsheet.

**Cells** – An individual section of a spreadsheet grid. It contains data or calculations.

**Charts** – Use this button to create a variety of graph types for the data in the spreadsheet.

**Equals tool** – tests whether the entered calculation in the cells to the left of the tool has the correct answer in the cell to the right of the tool.

**Formula** – Use the formula wizard or type into the formula bar to create a formula in a cell, this will calculate the value for the cells based upon the value of other cells in the spreadsheet.

**Formula Wizard** – The wizard guides you in creating a variety of formulae for a cell such as calculations, totals, averages, minimum and maximum for the selected cells.

**Move cell tool** – This tool makes a cell's contents moveable by drag-and-drop methods.

**Random tool** – Click to give a random value between 0 and 9 to the cell.

**Rows** - Vertical reference points for the cells in a spreadsheet.

**Spin Tool** – Adds or subtracts 1 from the value of the cell to its right.

**Spreadsheet** - A computer program that represents information in a grid of rows and columns. Any cell in the grid may contain either data or a formula that describes the value to be inserted based on the values in other cells.

**Timer** – When placed in the spreadsheet, click the timer to adds 1 to the value of the cell to its right every second until it is clicked again.

## Previous learning

### Spreadsheets

Formula wizard • Cell formatting • Timer, random number and spin buttons • Budget planner sheet • Line graphs

### Graphing

Data representation in 2Graph • Use software to investigate data

## Aspirations

- Buyer
- Accountant
- Teacher
- Merchandiser

## Characteristics needed for this topic:

- Perseverance
- Making links
- Improving

## Sticky knowledge

- To add a formula, click on the cell where you want the product to be displayed then click the formula wizard button. Click on the cell that contains the first number. Choose the x operation then click on the second number. Click OK.
- 2Calculate has a cell that automatically calculates the number of days since a certain date, by using formulae and the totalling tools. To make the spreadsheet easier to understand, you could use named variables.
- A spreadsheet model of a real-life situation represents the data of a situations for example budgeting for a party, working out how big a field needs to be for a certain number of animals, working out how to spend your pocket money over time. Using the existing data to predict what time your shadow will be a certain length etc.